

## PRODUCT SPECIFICATION

- Standard Specification -

### MEDICINAL COD LIVER OIL, PH.EUR., IDENTITY PRESERVED

Master Art. No. 75600

min.

max.

#### Chemical Data:

Specific gravity (20 degree C)	0,918		0,928	
Refractive index (20 degree C)	1,477		1,484	
Acid value			2,0	
Iodine value	150		180	
Saponification value	180		197	
Unsaponifiable Matter			1,3	%

Fatty acid composition

#### Saturated fatty acids:

Myristic acid	(C 14:0)	2,0		6,0	%
Palmitic acid	(C 16:0)	7,0		14,0	%
Stearic acid	(C 18:0)	1,0		4,0	%

#### Unsaturated fatty acids:

Palmitoleic acid	(C 16:1)	4,5		11,5	%
cis-Vaccenic acid	(C 18:1 (n-7))	2,0		7,0	%
Oleic acid	(C 18:1 (n-9))	12,0		21,0	%
Gadoleic acid	(C 20:1 (n-11))	1,0		5,5	%
Gondoic acid	(C 20:1 (n-9))	5,0		17,0	%
Erucic acid	(C 22:1 (n-9))			1,5	%
Cetoleic acid	(C 22:1 (n-11))	5,0		12,0	%

#### Polyunsaturated fatty acids:

Linoleic acid	(C 18:2)	0,5		3,0	%
Linolenic acid	(C 18:3 (n-3))			2,0	%
Morotic acid	(C 18:4 (n-3))	0,5		4,5	%
Eicosapentaenoic acid	(C 20:5 (n-3), EPA)	7,0		16,0	%
Docosahexaenoic acid	(C 22:6 (n-3), DHA)	6,0		18,0	%

Residue controlled according to the European regulations effective at present.

#### Vitamins:

Vitamin A	850		2500	i.U./g
Vitamin D3	85		250	i.U./g

#### Storage:

Light protected, not above room temperature, in tightly sealed containers (nitrogen blanketed). Once open to be used immediately.

This specification was developed with utmost care based on up-to-date information available, but should also be scrutinised by the recipient. It does not release him from checking the quality of the goods delivered with proper diligence.